



Dr. Tonlong Wangpan (M.Phil., Ph.D.)

Assistant Professor

Department of Botany, Rajiv Gandhi University
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https://www.researchgate.net/profile/Tonlong-Wangpan?ev=hdr_xprf

Award and Recognitions

1. Rajiv Gandhi National Fellowship 2010-2011
2. Gold Medallist (M Phil), 2012

Membership In Professional Bodies

1. East Himalayan Society for Spermatophyte Taxonomy (Life Member)
2. Life Member of Indian Association of Hill Farming

Area of Specialization

- Ethnobotany
- Molecular taxonomy

PERSONAL INFO

Date of Birth: 8th April 1987

Nationality: Indian

WORK EXPERIENCE

Asstt. Professor: 18 Oct 2016 till date, Rajiv Gandhi University

EDUCATION

Ph.D. 2016 (Botany) Rajiv Gandhi University, India

M.Phil. 2012 (Botany) Rajiv Gandhi University, India

M.Sc. 2010 (Botany) Rajiv Gandhi University, India

B.Sc. 2008 (Botany) Dibrugarh University, Assam, India

ADMINISTRATIVE ROLES

- Deputy Warden, Tawangchu Halls of Residence (2021–2024)

ONGOING RESEARCH PROJECT

1. Diversity of endolichenic fungi of Arunachal Pradesh, North East, India
Role: PI
Year: 2022-2025, Amount Rs. 23,94,832/-
2. Demonstration of Agroforestry System for Improvement of Livelihood of Tribal Folks in Mountainous Regions of Arunachal Pradesh
Role: Co-PI
Year: 2024-2025, Amount Rs. 49,40,000/-

PG STUDENTS GUIDED : 56 (awarded)

Ph.D. STUDENTS : 4 (ongoing)

MEMBERSHIP IN UNIVERSITY COMMITTEES

- Member, IQAC
- Member, EK Bharat Shrestha Bharat Club (2019-till date)
- Department Coordinator RGUMPET
- Deputy Coordinator RGUCET, 2021
- Departmental Faculty Placement Coordinator
- Member, Scrutiny and rechecking of evaluated answer script 2022 & 2023
- Member, Environment Committee
- Department Coordinator IUGS (2024-till date)
- Member, Stock Verification Committee (2024-2026)
- Member, An Academic and Audit Committee (2025-2027)

PhD STUDENTS

Year	Name of the candidate	Title of Thesis	Status	Registration No.
2020-21	Mr. Likha Rido	Quantitative Ethnobotanical studies of the plants used by the tribal communities of East Kameng district, Arunachal Pradesh	Ongoing	RGU/RS-1037/2022
2020-21	Ms. Pokhaw Khangam	Quantitative Ethnobotanical studies of the plants used by the Wancho tribe of Longding district, Arunachal Pradesh	Ongoing	RGU/RS-1039/2022
2021-22	Mr. Silikta Manchey	Assessment of variability and DNA barcoding of Rice landraces of Lohit and Namsai district of Arunachal Pradesh	Ongoing	RGU/RS-1253/2023
2022-23	Ms. Duniyak Ado	DNA Barcoding and Antimicrobial activities of <i>Calanthe</i> spp. of Arunachal Pradesh	Ongoing	RGU/RS-608/2015

PUBLICATIONS IN JOURNALS

1. Bagang, A., Rido, L., Khangam, P., **Wangpan, T.**, & Tangjang, S. (2024). Homegarden agroforestry system: A medicinal hub in East Kameng district, Arunachal Pradesh, India. *Indian Journal of Agroforestry*, 26(2), 118–130.
2. Deuri, M., Dutta, U., Khangam, P., Rido, L., **Wangpan, T.**, Arunachalam, A., & Tangjang, S. (2024). Assessment of socio-economic status of agroforestry farmers: A case study in eastern Arunachal Pradesh. *Indian Journal of Agroforestry*, 26(2), 130–137.
3. Duttax, U., Ojha, M., Deuri, M., Tangjang, S., & **Wangpan, T.** (2025). Cytotoxic effect of *Gynocardia odorata* R.Br. on *Allium cepa* L. root meristem. *African Journal of Biomedical Research*, 28(1s), 328–333. <https://doi.org/10.53555/AJBR.v28i1S.6068>
4. Gogoi, P., Mathiyazhagan, M., Khangam, P., Rido, L., **Wangpan, T.**, & Tangjang, S. (2024). Ethnomedicinal plants used by inhabitants of Naoboicha Sub-Division, Lakhimpur district, Assam. *Journal of Bioresources*, 12(1), 63–73. <https://doi.org/10.5281/zenodo.14800616>
5. Rido, L., Khangam, P., Tangjang, S., & **Wangpan, T.** (2024). Wild edible plants consumed by the Aka tribe in East Kameng district of Arunachal Pradesh, India. *Journal of Bioresources*, 12(1), 07–14. <https://doi.org/10.5281/zenodo.14800429>
6. **Tonlong Wangpan**, Jinken Jamoh, Sumpam Tangjang (2024) Exploring traditional medicinal practices: insights from the botanical heritage of Adi Tribe of Arunachal Pradesh (India). *Pleione* 18(1): 57 - 72. doi:10.26679/Pleione.18.1.2024.057-072
7. Inda Mihu, Mundeep Deuri, Dipankar Borah, **Tonlong Wangpan**, Saket Kushwaha & Sumpam Tangjang (2024) Beyond harvest: unlocking economic value through value addition in wild edible plants for sustainable livelihood in Arunachal Himalayas. *Genet Resour Crop Evol* (2024). <https://doi.org/10.1007/s10722-024-02010-6> (IF=1.6)
8. Likha Rido, Pokhaw Khangam, Tailang Taba, Sumpam Tangjang, **Tonlong Wangpan** (2024) Ethnobotany of wild vegetable species used by Apatani and Nyishi tribes in Lower Subansiri district of Arunachal Pradesh, India. *Journal of Bioresources*. 11(1): 45-57.
9. **Tonlong Wangpan**, Nyaring Rongsak, Tapi Taka, Phongam Tesia, Jentu Giba, Sumpam Tangjang (2023) Toxicity evaluation of some plants used in ethnofishery in Arunachal Pradesh, India. *Toxicon* 228 (2023) 107109. <https://doi.org/10.1016/j.toxicon.2023.107109> (IF=2.8)

10. Bani, T., Deuri, M., **Wangpan, T.**, Tangjang, S., & Arunachalam, A. (2022). Tradition in transition: the transformation of traditional agriculture in Arunachal Pradesh, North East India. *Current Science*, 123(2), 220–225. <https://doi.org/10.18520/cs/v123/i2/220-225> (IF=1.169)
11. Bani, T., Deuri, M., **Wangpan, T.**, Das, A. P., & Tangjang, S. (2022). Structure and distribution of stomata and cystoliths in some species of *Ficus* L. (Moraceae) in Arunachal Pradesh, India. *Notulae Scientia Biologicae*, 14(2), 1–11. <https://doi.org/10.55779/nsb14210925>
12. **Wangpan, T.**, Wagmu, L., & Tangjang, S. (2022). Medicinal plants used in management of certain ailments by the Monpas of Dirang Arunachal Pradesh India. *Notulae Scientia Biologicae*, 14(1), 1–11. <https://doi.org/10.15835/nsb14110888>
13. **Wangpan, T.**, Wangpan, A., Chetry, L. B., & Tangjang, S. (2021). Anti-proliferating activity of some toxic and medicinal plants used by Wancho tribe of Arunachal Pradesh, India. *Notulae Scientia Biologicae*, 13(2), 1–9. <https://doi.org/10.15835/nsb13210894>
14. Borah, D., Gogoi, T., Sarma, J., Borah, P. J., Gohain, B., Mili, C., Upadhyaya, A., Basumatary, J., Neog, K., **Wangpan, T.**, & Tangjang, S. (2021). Compendium of plants used for preparation of traditional alcoholic beverages by four major ethnic communities of Assam, northeast India. *Biodiversitas*, 22(4), 2019–2031. <https://doi.org/10.13057/biodiv/d220451>
15. Tesia, P., **Wangpan, T.**, Taka, T., Giba, J., & Tangjang, S. (2020). Soil Dynamics of Pre- and Post- Slash-and-Burn Jhum Fields of Tirap District, Arunachal Pradesh. *Dera Natung Government College Research Journal*, 5(1), 25–34. <https://doi.org/10.56405/dngcrj.2020.05.01.04>
16. Giba, J., Tangjang, S., **Wangpan, T.**, Taka, T., & Tesia, P. (2020). Isolation of Endophytic Fungi from Selected Bamboo Species of Arunachal Pradesh, India. *International Journal of Scientific and Research Publications (IJSRP)*, 10(12), 263–270. <https://doi.org/10.29322/ijsrp.10.12.2020.p10824>
17. Giba, J., **Wangpan, T.**, & Tangjang, S. (2020). Endophytic Fungi in Bamboo: A Review. *International Journal of Current Microbiology and Applied Sciences*, 9(11), 2024–2031. <https://doi.org/10.20546/ijcmas.2020.911.241>
18. **Wangpan, T.**, Tasar, J., Taka, T., Giba, J., Tesia, P., & Tangjang, S. (2019). Traditional use of plants as medicine and poison by Tagin and Galo Tribe of Arunachal Pradesh. *Journal of Applied Pharmaceutical Science*, 9(9), 098–104. <https://doi.org/10.7324/JAPS.2019.90914>
19. **Wangpan, T.**, Chimyang, N., Lowang, C., Taka, T., Giba, J., Tesia, P., & Tangjang, S. (2019). Ethnobotanically Important Plants Used by the Nocte Tribe of Eastern Himalaya. *Journal of Bioresources*, 6(1), 36–45.
20. **Wangpan, T.**, Gogoi, H., Tapi, T., & Tangjang, S. (2019). Bio-cultural Diversity and Ethnobotanic Utility of Indigenous Rice (*Oryza sativa* L.) in Lakhimpur District, Assam, India. *Notulae Scientia Biologicae*, 11(1), 138–144. <https://doi.org/10.15835/NSB11110354>
21. Lungphi, P., **Wangpan, T.**, & Tangjang, S. (2018). Wild edible plants and their additional uses by the Tangsa community living in the Changlang district of Arunachal Pradesh, India. *Pleione*, 12(2), 151–164. <https://doi.org/10.26679/pleione.12.2.2018.151-164>
22. Sharma, R., Tangjang, S., & **Wangpan, T.** (2018). First report on Biological Evaluation and Preliminary Screening of Fungal Endophytes from *Spilanthes paniculata*, a Medicinal Herb in Arunachal Pradesh, India. *International Journal of Current Microbiology and Applied Sciences*, 7(11), 1346–1354. <https://doi.org/10.20546/ijcmas.2018.711.157>
23. Chetry, L. B., Basar, K., Taye, K., Taka, T., Tsering, J., & **Wangpan, T.** (2018). Medicinal Plants used against gastrointestinal disorders among the Adi Tribe of Eastern Himalaya. *Nebio*, 9(1), 93–101.
24. Taka, T., **Wangpan, T.**, Chetry, L. B., Tesia, P., Giba, J., & Tangjang, S. (2018). Isolation of cellulolytic fungi from the litter of *Phyllostachys bambusoides* from Ziro Valley, Arunachal Pradesh, Eastern Himalaya. *Nebio*, 9(1), 144–149.

25. **Wangpan, T.**, Taka, T., & Tangjang, S. (2018). On-farm Diversity of Indigenous Rice (*Oryza Sativa* L.) Landraces in Border of Eastern Himalaya. *Pertanika Journal of Tropical Agricultural Science*, 41(1), 393–410.
26. **Wangpan, T.**, Tangjang, S., & Arunachalam, A. (2017). Tribal agriculture tradition in transition in the Indian Eastern Himalaya. *Current Science*, 112(7), 1327–1329. <https://www.currentscience.ac.in/Volumes/102/09/1247.pdf> (IF=1.102)
27. **Wangpan, T.**, Chetry, L. B., Tsering, J., Taka, T., & Tangjang, S. (2016). Anti-Malarial Plants of Jonai, India: an Ethnobotanical Approach. *Notulae Scientia Biologicae*, 8(1), 27–32. <https://doi.org/10.15835/nsb.8.1.9750>
28. **Wangpan, T.**, & Tangjang, S. (2015). Significance Of Mixed-Cropping In Jhum Based Traditional Agroforestry In Tirap And Longding District Of Arunachal Pradesh, India. *Journal of Bioresource*, 2(2), 62–73.
29. Tangjang, S., **Wangpan, T.**, Taka, T., Namsa, N. D., & Arunachalam, A. (2015). Balancing traditional knowledge for conservation and utilization of bamboo resources in Arunachal Pradesh, India. *ENVIS Bulletin on Himalayan Ecology, GBPIHED*, 22: 1–5.
30. **Wangpan, T.**, Taka, T., Tangjang, S., & Arunachalam, A. (2015). Sustainability of Indigenous Farming Practices: A Case Study among Apatani, Nocte and Wancho tribes in Arunachal Pradesh, Northeast India. *International Journal on Agricultural Sciences*, 6(1), 103–108.
31. **Wangpan, T.**, Tangjang, S., & Arunachalam, A. (2012). Managing Upland Rice Under Typical Traditional Slash-and-Burn Ecosystem in the Hilly Arunachal Himalaya of Northeast India. *Indian Journal of Hill Farming*, 25(2), 10–13.
32. Tangjang, S. & **Wangpan, T.**, (2012). Slash-and-burn agriculture in Eastern Himalayan zone of Arunachal Pradesh, North east India. *Current Science*, 102(9), 1247–1248. (IF=1.169)

PUBLICATIONS IN BOOK CHAPTERS

1. Jentu Giba, Tonlong Wangpan, and Sumpam Tangjang (2023) Fungal endophytes as a potential source in the agricultural industry: An idea for sustainable entrepreneurship. In *Entrepreneurship with Microorganisms* by A. C. Shukla. Elsevier Academic Press Inc. pp 329-341. ISBN: 9780443190506. <https://doi.org/10.1016/B978-0-443-19049-0.00018-9>
2. Sampriti Katak, Tonlong Wangpan, Sumpam Tangjang, Debendra C. Baruah, Sanjai K. Dwivedi, Dev Vrat Kamboj, Saket Kushwaha, Soumya Chatterjee (2023) Abundance, variety, and scope of value-added utilization of agricultural crop residue: emphasizing potential of anaerobic digestion and digestate recycling. In *Sustainable Agriculture and the Environment* by Muhammad Farooq, Nirmali Gogoi, Michele Pisante, Elsevier Academic Press, pp 247-272. ISBN 9780323905008. <https://doi.org/10.1016/B978-0-323-90500-8.00008-7>
3. Wangpan T and Tangjang S (2021) Ethnobotanically Important Fermented Food of Arunachal Pradesh. In *Bioresources and Sustainable Livelihood of Rural India*. 275-284.
4. Wangpan T and Tangjang S (2020) Status of Medicinal Plants in Context of Arunachal Pradesh, in *Environmental Concerns and Sustainable Development*, Edited by Vertika Shukla & Narendra Kumar; Springer Nature Singapore Pte Ltd. 2020, pp. 63-79 DOI: [10.1007/978-981-13-6358-0_4](https://doi.org/10.1007/978-981-13-6358-0_4)
5. Dipankar Borah, A. P. Das, Sumpam Tangjang, and Tonlong Wangpan (2019) Flowering Plant Diversity in the Alpine Regions of Eastern Himalaya, in *Ethnopharmacology and Biodiversity of Medicinal Plant*, Edited by Jayanta Kumar Patra, Gitishree Das, Sanjeet Kumar and Hrudayanath Thatoi; Apple Academic Press Inc. Taylor & Francis Group, 978-0-42939-819-3
6. Wangpan, T. Wangpan, A. and Tangjang, S. (2018) Plants used against gastrointestinal disorder: An ethnopharmacological study among the Wancho Tribe of Arunachal Pradesh,

India. In Stotasvini-Cascading knowledge. 1st Ed. Purbayon publication. 43-53. ISBN:978-93-87263-61-1. June 2018.

- Chetry, L.B. Tapi, T. Wangpan, T. Panyang, F. and Doming (2018) Medicinal plants used against malaria: A case study among Adi tribe of Arunachal Pradesh. In Advances in Botanical research in North East India. Eastern Book House. India. Feb 2018. Pp. 215-225. ISBN 9789386302526.

RESEARCH PROJECT

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co Investigator	Name of the Funding agency	Year of Award	Funds provided (INR)	Duration of the project
Diversity of endolychenic fungi in Arunachal Pradesh, North east India	Dr. Tonlong Wangpan (PI) and Prof. Sumpam Tangjang (Co-PI)	DST SERB	2022-25	23.94832	3 years (2022 to 2025)
Demonstration of agroforestry system for improvement of livelihood of tribal folks in mountainous regions of Arunachal Pradesh	Prof. Sumpam Tangjang (PI) & Dr. Tonlong Wangpan (Co-PI)	DRDO	2024-2025	49	15 months

PUBLICATIONS IN POPULAR ARTICLES

- Mepi Timba and Tonlong Wangpan (2020) A Botanical trip to Menchukha. BIONE E-zine of biological sciences. ISSN: 2456-7264. <http://babrone.edu.in/blog/?p=3275>.
- Tonlong Wangpan. Rural Sustainability among the Wanchos of Arunachal Pradesh, India. BIONE E-zine of biological sciences. ISSN: 2456-7264 <http://babrone.edu.in/blog/?p=3107>.
- Wangpan, T.** Tapi, T. and Tangjang S. (2015) Prospects of *jhumming* for indigenous tribes of Arunachal Pradesh, India: in Ecowisper, COPAL. 2(1): 28-32. https://issuu.com/coppublications/docs/ecowisper_vol_2_issue_1_march_2
- Tapi, T. **Wangpan, T.** and Tangjang S. (2015) Sustainable approach of pine bamboo cultivation in Ziro valley Arunachal Pradesh India. Ecowisper, COPAL. 2(1): 1-7. https://issuu.com/coppublications/docs/ecowisper_vol_2_issue_1_march_2

ARTICLES PRESENTED IN SEMINAR AND CONFERENCES

- Tonlong Wangpan** (2023) *Traditional Knowledge and Bio-Cultural Uses of rice landraces of Namsai district, Arunachal Pradesh, India*. International conference on Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-2023), 10-11 February, 2023, organized by Department of Botany, Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali, Assam, India in Association with Department of Zoology & IQAC, PDUAM- Behali

2. **Tonlong Wangpan** (2022) Ethnomedicinal Plants traditionally used by the Nyishi Community of East Kameng District, Arunachal Pradesh, India, International Seminar on Perspectives on North-East India: Way forward, 26th – 28th April 2023, organized by Rajiv Gandhi University Research Scholars' Forum in collaboration with Arunachal Institute of Tribal Studies, R.G.U.
3. **Tonlong Wangpan** (2020) *Dynamics of indigenous farming systems in Arunachal Pradesh, Eastern Himalaya*. Presented at International Web Conference on Perspective on Agricultural and Applied Sciences, on 4-6th Oct 2020, Jointly organized by Bangladesh Agricultural Research Institute (BARI), Gazipur, Dhaka, Bangladesh, Shobhit Institute of Engineering & Technology (A NAAC Accredited, Deemed to be University), Meerut, India, Soils, Water and Environmental Res. Inst, (SWERI), Agriculture Research Center, (ARC) Giza, Egypt.
4. **Tonlong Wangpan** and Chathiam Lowang (2018) *Role of Traditional Farming System in Rural Economy and Sustainability in Tirap and Longding Districts of Arunachal Pradesh*. Presented at National Seminar on Hill Economies and Sustainable development: Challenges and Prospects Centre for Developmental Studies, Rajiv Gandhi University 2018.
5. Sumpam Tangjang, Tapi Taka and **Tonlong Wangpan** (2014) *Managing bamboo resources for rural sustenance in Arunachal Himalaya, Northeast India*. Presented at Asian Conference on Life Sciences and Sustainability (ACLS), KKR Hotel, Hiroshima, Japan. August 27th-29th, 2014.
6. Tapi Taka, **Wangpan, T** and **Tangjang. S. (2013)** *Conservation, sustainability and management of agrobiodiversity by traditional farming and plantation strategies in Ziro Valley of Arunachal Pradesh, India*. National Seminar on Recent Trends in Bioresource Management and Biodiversity Conservation. 17-19th October, 2013, Life Sciences under Centre for Excellence in Biodiversity, Rajiv Gandhi University, Arunachal Pradesh, India.
7. Tonlong Wangpan and **Sumpam Tangjang (2012)** *Traditional jhum agriculture as a rural survival among the ethnic Nocte and Wancho in eastern zone of Arunachal Himalaya, Northeast India*. International Conference on Forest, Mountain and People 2012. 12-13 December, 2012, Colombo, Sri Lanka.

Seminars / Workshops / Conferences / Short-Term Courses / Outreach Programmes Organized

1. 7 Days National level Hands-on Program on “Orchid Cultivation, Micropropagation & Clonal Fidelity Testing” Sponsored by ‘DST Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI)’ 14-20 October, 2022

Professional courses attended

1. Attended hands-on workshop on Phylogenetic Tree Analysis held on 25th March 2023 at ImmuGenix Biosciences Pvt Ltd, Chennai.
2. Attended Online **Two – Week Refresher Course in “Life Sciences”** from 01 – 15 September, 2021. Organized by Teaching Learning Centre, Ramanujan College, University Of Delhi In Collaboration With Miranda House, University Of Delhi Under The Aegis Of Ministry Of Education, Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
3. Online-One Week **Faculty Development Programme on “Data Analysis Using R”** From 15 - 21 June, 2021, Organized By Teaching Learning Centre, Ramanujan College, University Of Delhi Under The Aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
4. Online Two-Week **Inter-Disciplinary Refresher Course on “Research Methodology and Data Analysis”** From 17 - 31 May, 2021, Organized By Teaching Learning Centre, Ramanujan College, University Of Delhi Under The Aegis Of Ministry Of Education, Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.
5. One Week **Faculty Development Programme on “Recent Trends and Challenges in Research”** From 10 - 18 May, 2021 Organized By Organized By Teaching Learning

Centre, Ramanujan College, University Of Delhi Under The Aegis Of Ministry Of Education, Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching In Collaboration With Ugc Paramarsh Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur(Autonomous).

6. Orientation Course in Gauhati University (1 June to 28 June, 2018)
7. Refresher course on Climate Change: A Guide for Teachers of all Disciplines (ARPIT 16 weeks).

Seminars and Workshops attended

1. Attended 7 days (27th Jan 2020 to 31st Jan 2020) hands-on training on “**Cell and Molecular Biology**” organized by DBT-NER Biotechnology/Bioinformatics Training Centre at Advance Centre for Treatment, Research & Education in Cancer (ACTREC), Tata Memorial Centre, Khargar, Navi Mumbai, India.
2. Attended 14 days (January 21st – February 1st, 2019) Hands-on training on “**Gene Cloning, Protein Biochemistry , Structure Biology & Bioinformatics** ” organized by DBT-NER Biotechnology/Bioinformatics Training Centre, Advance Centre for Treatment, Research & Education in Cancer (ACTREC), Tata Memorial Centre, Khargar, Navi Mumbai, India.
3. **National Seminar on Climate change Adaptation for Natural Resource Management**, NERIST, Arunachal Pradesh. 2018 .
4. **Workshop on Biostatistics through software** RGU, Rono Hills, Arunachal Pradesh, from 31Jan – Feb. 6, 2017
5. **Workshop on Intellectual Property Rights**, 23rd of March at Nirjuli, organized by MHRD IPR Chair, Tezpur University and North Eastern Regional Institute of Science and Technology.
6. **Workshop on Intellectual Property Rights**, 23rd of March 2014. MHRD IPR Chair, Tezpur University and North Eastern Regional Institute of Science and Technology
7. **Training on Molecular Biology, DNA Fingerprinting and DNA Barcoding**, 1st to 30th July 2013. Escherichia genomics (Pvt. Ltd.), New Delhi
8. **Workshop on Molecular Techniques in Biological Research**, 7th to 9th March 2013. DBT sponsored Workshop. Center for Studies in Biotechnology, Dibrugarh University, Dibrugarh-786004
9. **UGC sponsored National Workshop on Maintenance of Orchid Germplasm through Conventional Breeding**, 4th and 5th of March 2013 Organized by Department of Botany, Kaliabor College, In collaboration with Kaliabor Nursery.
10. **Training Program on Molecular Techniques of Biotechnology**, Organized by Institutional Level Biotech Hub, Dibru College, Dibrugarh, sponsored by Department of Biotechnology, Government of India. 30th August to 1st September, 2012.
11. **3rd Acharya P C Ray National Young Scientist’s Conference**, 17 – 18 Feb, 2012 at Kolkata, India, organized by Presidency University, Calcutta University and Vivekananda Vijnan Mission (West Bengal chapter of Vijnana Bharti).